



Job Title:	CNC Programmer/Sr. CNC Programmer
Department:	Programming
Division:	Aerospace
Reporting:	Manager_CNC Programmer
Employment Type:	Regular/Contract

CNC Programmer:

A CNC programmer writes code offline using Siemens UG NX to automate power driven machines that cut and finish metal such as lathes, grinders and mills. CNC Programming for geometry creation, toolpath generation and toolpath post processing for Turning (VTL & HTL), Milling (2, 3 & 5 axes) & Mill turn machines.

Sample Job Description for a CNC Programmer:

- Creates instructions for machinists.
- Reviews 3D CAD design blueprints.
- Makes calculations for programming including where materials should be cut.
- Translates instructions into a computer automated manufacturing (CAM) program for Fanuc, Heidenhain, or Siemens Controls.
- Checks completed programs by running simulations or tests using Visual.
- Prepares geometric layout of designs using Siemens UG NX.
- Determines sequence of operations in a program.
- Chooses cutting tools that will be needed.
- Analyzes job order and performs necessary calculations.
- Writes programs and modifies existing ones for increased efficiency.
- Analyzes and selects speeds and cutting tools for programs.
- Makes improvements to set up times for a task and contouring of complex shapes.
- Simplifies tooling time for workers and increases productivity for the company.
- Monitors all programs to make sure they follow blueprint instructions and safely and successfully complete the task.
- Complies with all safety rules and regulations.

Education And/or Experience Required:

- MTech / B. Tech in Mechanical Engineering
- 3-8 years' prior experience in R&D / Engineering as CAM Engineering.
- Sound Technical knowhow of turbine rotating parts and its functionality.
- Knowledge of CNC Programmer Milling and Turning Tools UGNX and Knowledge of systems Hyper mill.
- Experience on two domain Aerospace and Automobile.
- Offline CAM programming with co-ordination of US team.